GE
Lighting Solutions

Industrial Lighting

Omnibeam™ 400 (OB5)

imagination at work

Product Features

GE Indoor Lighting luminaires are designed to produce optimum illumination from the lamp, optical system and ballast, while providing specific light patterns for specific applications. These reliable systems help to improve safety and energy savings, while enhancing productivity and efficiency, to put your industrial workplace in the best possible light.

Applications

- For over 20-foot (6 meter) applications, assembly lines, inspection areas, production bays, storage areas, warehouses, commercial and retail areas

Housing

- Symmetrical heavy-duty die-cast aluminum ballast housing

Finish

- Polyester powder gray or white paint finish

Ratings

- 1598 Listed Suitable for Damp Locations
- Listed to Canadian standards and codes

Mounting

- Threaded slide-in mounting adapter for easy mounting
- Single casting integral hook/loop and mounting plate is available

Reflectors

- Acrylic reflector

Unique Features

- Open/ventilated or enclosed opticals with choice of clear or prismatic lens
- Enclosed 26 inch available for wet location
- In-line EZ Connect™ plug-in adapter port allows for:
  - hook/loop, cord & NEMA plug
  - plug-in modular wiring systems
  - plug-in fuse kits
- 55° C ambient standard, except as noted in Photometric Table
- Adjustable mogul base socket - E39 standard
- Safety chain provisions
- Shipped as components: Ballast, Optical
- Magnapack available for ballast
- Pulse start system for metal halide available

Ordering Number Logic

Omnibeam™ 400 (OB5)

OB5 _ W - __ - _ - _ - _ - __ - __ - __ - _

PROD. ID	COLOR	WATTAGE	LIGHT SOURCE	VOLTAGE	BALLAST TYPE	OPTICAL	PHOTOMETRY CODE	MOUNTING CODE	OPTIONS
OB5 = Omnibeam 400 Luminaire	**W** = White Polyester Powder	**17** = 175 **25** = 250 **32** = 320 **35** = 350 **40** = 400	**E** = Energy Act Compliant Pulse MH (EPMH) **S** = HPS For International Markets only **M** = MH **P** = Pulse Start MH **Note:** Lamp is vertical base up. Lamp not included.	**60Hz** **0** = 120/208/240/277 MULTIVOLT **1** = 120 **2** = 208 **3** = 240 **4** = 277 **5** = 480 **D** = 347 **F** = 120X347 **T** = 220 **50Hz** **6** = 220 **R** = 230 **Y** = 240 **G** = 380	See Ballast Selection Table **A** = Autoreg **D** = System 3 Bilevel Autoreg **G** = CANADIAN Mag-Reg (Grounded Socket Shell) **H** = HPF Reactor or Lag **M** = Mag-Reg	**E2** = Enclosed 22 in. with clear flat acrylic lens **E6** = Enclosed 26 in. with clear flat acrylic lens **P2** = Enclosed with prismatic conical lens 22 in. Optical **V6** = Open and ventilated 26 in. acrylic **V2** = open 22 in. acrylic	**XX** = Select Code from Photometric Selection Table See Photometeric table on next page.	**XX** = Select Code Below **11** = Pendant mounting **13** = Provision for Slide-on Primary Electrical Disconnect. Order TWOBP Box (Thru Feed Capability Only) Separately. **14** = Provision for Slide-on Primary Electrical Disconnect. (Pendant and Thru Feed Capability) Order PED Box Separately **15** = Prewire with EZ-Loop, Cord and Plug Part of "Power Hook". Order Receptacle/Hook Box Separately. (Not CSA/CUL) **31** = Prewire with EZ-Hook, 3-ft (0.9 Meters) #16/3 Cord, and Nema Plug **33** = Prewire with EZ-Loop, 3-ft (0.9 Meters) #16/3 Cord, and Nema Plug ***(Order locking receptacle hook box separately.)*** **MODULAR PREWIRE** **41** = ACS with 3-ft (0.9 meter) cord & EZ-Hook **69** = ACS with 6-ft (1.8 meter) cord & EZ-Hook **43** = ACS with 3-ft (0.9 meter) cord & EZ-Loop **70** = ACS with 6-ft (1.8 meter) cord & EZ-Loop **PLUG-N-GO** **51** = Plug-N-Go with 3 ft. (0.9 meter) Cord & Hook **71** = Plug-N-Go with 6 ft. (1.8meter) Cord & Hook **53** = Plug-N-Go with 3 ft. (0.9 meter) Cord & Loop **72** = Plug-N-Go with 6 ft. (1.8 meter) Cord & Loop **Note:** ACS = Flex 3+ Plug-N-Go = FSC Series	**B** = Time Delay Automatically Switched Quartz **F** = Fusing ***(Not available with multivolt)*** **G** = Secondary Wiring Access. 7/8 in. dia. knockout **Q** = Non-Time Delay Automatically Switched Quartz **R** = Non Switch Quartz. **S** = Exclusionary mogul base socket for MH open fixtures **T** = E40 / European Socket

Ballast Selection Table

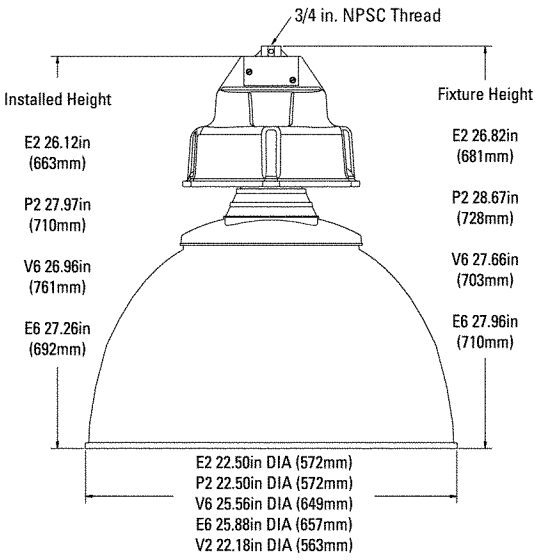
		Ballast Type / Voltage 60HZ					50HZ			
Wattage	Light Source	Multivolt	120, 208 240, 277 480	347	120 x 347	220	220	230	240	380
250	HPS	**A,M**	**A,D,G,M**	**A,D,G**	**A**	**A,H**	**A,H,M**	**A,H**	**A,H**	**M**
400	HPS	**A,M**	**A,D,G,M**	**A,D,G**	**A**	**A,H**	**A,H,M**	**A,H,M**	**A,H,M**	**M**
175	MH	**A**	**A**	**A**	**A**	N/A	N/A	N/A	N/A	N/A
250	MH	**A**	**A,D**	**A,D**	**A**	**A**	**A**	**A**	**A**	N/A
400	MH	**A**	**A,D**	**A,D**	**A**	**A**	**A**	**A**	**A**	N/A
PULSE START METAL HALIDE LIGHT SOURCE BALLAST SELECTION TABLE										
175	EPMH	**A**	**A**	**A**	N/A	N/A	N/A	N/A	N/A	N/A
250	EPMH	**A**	**A**	**A**	N/A	N/A	N/A	N/A	N/A	N/A
320	EPMH	**A**	**A**	**A**	N/A	N/A	N/A	N/A	N/A	N/A
350	EPMH	**A**	**A**	**A**	N/A	N/A	N/A	N/A	N/A	N/A
400	EPMH	**A**	**A**	**A**	N/A	N/A	N/A	N/A	N/A	N/A

NOTE: N/A = Not Available
* H is HPF-Linear Reactor available as 277 volt only.
Cannot be used with Automatic Switch Quartz Option.

CANADIAN NOTES:
1. "A", Autoreg, and "D", Bilevel Autoreg available 120, 277 or 347 volts only
2. 1000 Watt Metal Halide and HPS available 120, 277 or 347 volt Autoreg only.
3. 208, 240, and 480 volts require CWI ballast. Use "G" when available. Contact factory for all others.
4. Multivolt not available.

Exclusionary base socket is available for use with Metal Halide lamps in open fixtures to comply with NEC 2005 regulations (GELS "S" Option). Customer should consult or review local electrical codes for compliance.

Product Dimensions



Photometric Selection Table

Wattage	Light Source	Max Temp	Spacing Criteria	Socket Position	Photometric Curve	Optical Code	Photometry Code
E2 OPTICAL - Enclosed 22in. with flat clear Acrylic lens							
175	EPMH	55	1.0	D	452431	E2	AD
175	EPMH	55	1.5	H	452432	E2	AH
175	EPMH(Coated)	55	1.0	C	452435	E2	AC
175	EPMH(Coated)	55	1.4	H	452436	E2	AH
250	EPMH	40**	1.0	E	452439	E2	AE
250	EPMH	40**	1.4	H	452440	E2	AH
250	EPMH(Coated)	40**	1.0	D	452443	E2	AD
250	EPMH(Coated)	40**	1.4	H	452444	E2	AH
320*	EPMH	40**	1.3	A	452452	E2	AA
320*	EPMH	40**	1.5	G	452453	E2	AG
320*	EPMH(Coated)	40**	1.3	H	452466	E2	AH
350, 400	EPMH	40**	1.9	A	452462	E2	AA
350, 400	EPMH(Coated)	40**	1.6	A	452465	E2	AA
250-400	HPS	40**	1.5	A	452448	E2	AA
E6 OPTICAL - Enclosed 26in. with flat clear Acrylic lens							
350,400	EPMH	55	1.6	B	179849	E6	AB
350,400	EPMH	55	1.8	D	179851	E6	AD
350,400	EPMH(Coated)	55	1.6	D	179852	E6	AD
350,400	EPMH(Coated)	55	1.9	H	179853	E6	AH
250-400	HPS	55	1.3	E	179861	E6	AE
250-400	HPS	55	1.4	E	179862	E6	AE
250-400	HPS	55	1.5	G	179863	E6	AG
V2 OPTICAL - Open 22in. Reflector, MH, requires "S" Option EX39 base socket							
175,250	EPMH	55	1.3	A	452450	V2	AA
175,250	EPMH	55	1.5	G	452451	V2	AG
175,250	EPMH(Coated)	55	1.3	A	452456	V2	AA
175,250	EPMH(Coated)	55	1.5	F	452455	V2	AF
350, 400	EPMH	55	1.6	A	452460	V2	AA
350, 400	EPMH(Coated)	55	1.6	A	452463	V2	AA
250, 400	HPS	55	1.5	A	452447	V2	AA
V6 OPTICAL - Open and Ventilated 26in. Reflector MH,PMH or EPMH may require "S" Option EX39 base socket - (consult/review local codes)							
350, 400	EPMH	55	1.6	B	178906	V6	AB
350, 400	EPMH(Coated)	55	1.7	C	178976	V6	AC
350, 400	EPMH(Coated)	55	1.6	B	178975	V6	AB
250-400	HPS	55	1.3	E	178905	V6	AE
250-400	HPS	55	1.7	G	178969	V6	AG
P2 OPTICAL - Enclosed 22in. with Acrylic prismatic conical lens							
175	EPMH	55	1.1	A	452434	P2	AA
175	EPMH	55	1.6	G	452433	P2	AG
175	EPMH(Coated)	55	1.2	A	452437	P2	AA
175	EPMH(Coated)	55	1.5	F	452438	P2	AF
250	EPMH	40**	1.1	A	452441	P2	AA
250	EPMH	40**	1.5	H	452442	P2	AH
250	EPMH(Coated)	40**	1.1	A	452446	P2	AA
250	EPMH(Coated)	40**	1.5	G	452445	P2	AG
320*	EPMH	40**	1.6	A	452454	P2	AA
320*	EPMH(Coated)	40**	1.5	A	452459	P2	AA
350, 400	EPMH(Coated)	40**	1.8	A	452464	P2	AA
250-400	HPS	55	1.7	A	452449	P2	AA

*320 watt is ED28 Pulse Start MH
**Contact Factory for 55C availability

DATA

- Approximate Net Weight Ballast and Optical: 37 lbs (17 kgs)

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